

THE CARRIER

Volume XLVIII Number 12 www.mdarc.org December 2000

MDARC

December Meeting
Friday December 15
6:00 PM

MDARC Holiday Party

Our Savior's Lutheran Church
1035 Carol Lane
Lafayette CA

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Some Final Magic

By Greg Estep, KE6VTA

It has been two years since I became President. The two have gone by quickly. Before I pass the reins to Terry Matzkin I would like to thank everyone in MDARC. You all have made this easy. You volunteered when I needed help. You pitched in at the meetings.

So I would like to share some of the best of the last two years.

Dennis Fuller, KC6QHH helped for with the auction for many years.

Barry Winkler, KC6WYA kept the APRS flame burning for many years. He is also responsible for many of the APRS repeaters that we have today. Jim Tittle, KC6SOE, Jack Beck, KE6TIP, Ken Wise, KE6QNK, and Tim Barrett, K6BIV, have also spent time and money making this system first class.

John Schulze, KF6MNL has taken over the Door prizes. Before John, Lauren Styles, WA6CIE, did the honors.

Robert Mc Intyre, KE6ZZG and George Roush, WB6OFH get there early and setup the refreshments for all of us.

The following people helped keep our repeater system in top shape.

Tim Barrett	K6BIV
Jack Beck	KE6TIP
Jim Brunk	N6BHX
Howard Burk	KE6PTT
Jay Caldis	KT6Y

Keith Lattin N6PMF
 John Lytle KD6ZMP
 J. C. Smith K0HPS
 John Stuart KM6QX
 Lauren Styles WA6CIE
 Jim Tittle KC6SOE
 Barry Winkler KC6WYA

I may be passing the reins to Terry, but I will be working with the Technical Committee. Jim Brunk has done an excellent job for the last few years and I will be stepping into his spot. I know that I can count on you to support the Rocky Ridge Repeater Committee with your renewals.

73, Greg

MDARC General Meeting Minutes November 17, 2000

The meeting was called to order by President Greg Estep, KE6VTA, at 7:30 p.m. Guests were: Gil, KE6SQU; Chris, a new ham, and Bill, W6UJC.

Sam, KO6JR, encouraged members to pick up a form and renew now to avoid a mailing. Dues are the same for next year.

Sam announced a RACES training class on Dec. 9 at 4600 Apian Way, El Sobrante.

Tony, AC6GM announced license classes by the Delta VE Group, beginning the last week of January, for 6 weeks.

Marie, KF6GLV, reported the balances of the Treasury accounts.

Tracey, KE6TOT, reminded members about the holiday dinner, at 6p.m. on Dec.15. The price will be \$8, \$4 for children 10 years and under. Dress is casual.

Terry, KE6WRE, announced a PACIFICON committee meeting on the 18th.

Greg called for nominations from the floor, especially for Vice-President, which was not filled by the Nominations Committee. Dave Gordon was nominated and approved by the membership. Greg announced that ballots would be counted during the break, which began at

7:45 p.m.

At 7:55 p.m., Greg reconvened the meeting. The results of the balloting for year 2001 officers was announced as: President: Terry, KE6WRE; Vice-President: Dave N6SWE; Secretary: Paul, N6JOX; Treasurer: Trevor, WA6JAU; and Directors Howard, KE6PTT, and John, KR6CR.

Terry read a thank you letter from the Coast Guard Auxiliary for PACIFICON.

Terry introduced the evening's speaker, Jack Friday, W6ABC, the "voice of KFRC," who talked about QRP, and exhibited various QRP rigs and equipment.

The meeting adjourned at 8:55 p.m.

Respectfully submitted,
 Paul Dickey, N6JOX, Secretary

Do you have an award winning club? Bourgoin, Marjorie, KB1DCO

I handle 3 ARRL Instructor of the Year Awards, Excellence in Recruiting Award, Hiram Percy Maxim Award. The ARRL Board of Directors established these awards to recognize the countless hours of work and/or service many hams put into the hobby through, teaching licensing classes, demonstrations, or serving their community through ham radio.

As a conscious ARRL affiliated club, I am sure you are aware of many outstanding and dedicated hams in your club. These hams help breath new life into your H/R club everytime they teach or even talk to someone about ham radio. I am asking you and other hams to take steps to show these valuable hams what their commitment means to your club and the future of ham radio.

You will find more information about these awards at: <http://www.arrl.org/ead/instructor/instructor/grants.html> Nominating someone is a very easy process. If you aren't sure just which award he should be nominated for, just let me

know and I will be glad to assist you.

Nomination forms can be downloaded at:
<http://www.arrl.org/ead/award/application.html>

Please send your completed nomination form to your ARRL Section Manager (<http://www.arrl.org/field/org/sm.html>), before January 31. After reviewing the nomination form, the SM will forward it to me. They must arrive at HQ before Feb.15.

If you have questions about the awards or nominating, please contact me.

Jean Wolfgang, WB3IOS
Educational Programs Coordinator
Field & Educational Services

MDARC 2000 INCOME

Auction	449.90
Interest	498.01
Membership Dues	12777.00
PACIFICON	-2088.24
<hr/>	
TOTAL INCOME	11636.67

EXPENSES

Carrier:	
Postage	1032.30
Printing	2469.76
<hr/>	
TOTAL Carrier	3502.06
Field Day	275.00
Insurance	1191.00
Membership Expense:	
Door Prizes	-59.46
Holiday:	
Awards	290.93
Food	-37.40
Prizes	341.21
Holiday-Other	200.00
<hr/>	
TOTAL Holiday	794.74
Name Tags	33.13
Patches & T-shirts	-177.83
Picnic	12.65
Refreshments	-12.85

Rent & Coffee	825.00
Membership Expense-Other	475.94
<hr/>	
TOTAL Membership Expense	1891.32
Office	165.17
RRRC:	
Capitol Improvements	2849.78
Chairmans Discretionary Fund:	
220 Repeater	69.70
Comsumables	662.32
Dues - NARCC	20.00
Insurance - Equipment	678.88
Laminator	-1.00
Microwave ATV	2398.90
Misc. Equipment Fund	535.76
Office Supplies & Postage	40.00
Telephone	753.46
Tower Lease	5638.00
<hr/>	

TOTAL Chairmans Discretionary Fund 10796.02

TOTAL RRRC	13645.80
Schools & Libraries	100.68
State Filing Fees	10.00
Telephone	448.57
Trailer	242.74
Uncategorized Expenses	34.31
<hr/>	

TOTAL EXPENSES 21506.65

TOTAL INCOME - EXPENSES -9869.98

This does not include what may come in from PACIFICON. Jay indicates the amount earned this year was quite a bit more. The negative amount on the paperwork for PACIFICON is actually a loan and some expenses paid by the club for expenses that came in after the PACIFICON treasury was closed out.

This report also does not reflect any monies that were actually 1999 expenses, nor those that have been paid for 2001 expenses (Northgate for example)

Editor's note

Thanks to all who have contributed to the Carrier during my stewardship. This will be the last Carrier I edit. It has been a good experience and a lot of fun.

73, Wayne WB6WZV

2001 MDARC Budget
By Marie Lewis, KF6GLV

Operating Income

Membership Dues	
\$15,000	
Interest	\$294
Auction	\$1306
Subtotal	\$16,600
PACIFICON	\$4,000
Total Income	\$20,600

Money Market Transfer
(? Redeposit to account excess?)

Operating Expenses

Minimum Operating Expenses

Carrier Printing approx \$160/mo	\$1,920
Carrier Postage	\$780
Misc Membership Expense	\$2,590
Total Membership	\$5,290

Repeater Operations

RRRC Chairmans Disc. Fund	\$10,116
Northgate and NARCC Dues	\$270
Insurance, Equipment	\$800
Telephone	\$1200
Tower Lease	\$5695
Consumables and Emergency Equip- ment.....	\$1000
Office Supplies and postage	\$250
Tower Climber	\$1000
State Filing Fee	\$20
Subtotal	\$10,136

Optional Repeater Operating Expenses

Capital Projects	\$5,200
Voter System,	\$2500
2.4 GHz ATV receiver)	\$2000
Radio for DF use	\$500
UPS	\$200
Total Repeater Operations	\$15,336

Field Day	\$400
Telephone about \$36/mo	\$436
Speaker Gratuities	\$150
Subtotal	\$914

Picnics and Parties Expenses

Picnic	\$100
Holiday Awards	\$500
Holiday Decorations	\$0
Holiday Prizes	\$350
Holiday Food	\$0

Subtotal **\$950**

Special Project Expenses

Schools & Libraries	\$35
<i>Capital Improvement Projects see above under RRRC</i>	

Subtotal **\$35**
Total Expense **\$17,035**

Total Projected Income **\$19,620**
**Total Projected net with Capital Im-
 provements of \$5200** **+\$2,585**

****Jay indicates Pacificon income may be higher this year with increased ticket sales and vendor income. There is a \$2000 advance still out to Pacificon, which they repay annually, and reborrow. This will increase the positive balance and possibly allow us to begin the new Millenium by starting to rebuild the reserve account.**

MDARC Board Meeting Minutes, Nov. 6, 2000

The meeting was called to order by Vice-President Terry, at 7:34 p.m. Also present were: Sect'y Paul, N6JOX, and Directors Mike, KE6JGA, and Tracey, KE6TOT. Present were Committee Chairmen: George, WB6OFH, and Jim, N6BHX. Also from RRRG was: Howard, KE6PTT, and from PACIFICON Trevor, WA6JAU and Dave, N6SWE.

Terry discussed PACIFICON matters.

George and Tracey reported that the holiday party would be held on Dec. 15 in the regular meeting place at the church. An ad will be in the Carrier.

In regards to the Carrier, Terry announced that next month the Carrier would be handled by Greg, while a replacement Editor was sought v. Wayne who resigned.

Jim noted ongoing RRRG business and submitted a breakdown of probable expenditures that the Board asked for at the last meeting.

Terry announced the programs for Nov. and Dec. would be QRP for Nov. 17th and the Holiday Party for December. He also noted the PACIFICON debriefing would be on Nov. 18th.

The meeting was adjourned at 9:00 p.m.

Respectfully submitted,
Paul Dickey, N6JOX

Dick Tomsik Memorial

Paul W. Girard KC6TUZ

A memorial service for Richard V. Tomsik, KJ6YE, was held November 6 at the home of his step-son in Concord. Dick died as the result of apnea (*) related heart disease on October 23.

Several amateur radio operators were in attendance at the memorial, including Dick Schulze, AA6DL who was president of MDARC at the time Tomsik served a vice president of the club. Schulze noted during the gathering that when Tomsik was vice president he did far more than was required of the office and was successful in his endeavors for the then booming organization.

Paul Girard, KC6TZU, reminded that Tomsik, although confined to a motorized "horse" probably sold more tickets to any PACIFICON event than all of the members combined and that MDARC and the AARL owed him a debt of gratitude for that service which he provided so willingly. Tomsik was a fixture at swap meets and could collar a sale faster than Schulze could sell memberships. (Inadvertently left from Girard's remarks were the fact that Tomsik always wanted the proceeds of Pacificon tickets to be deposited in an interest bearing account until they were actually spent.)

Tomsik, who is survived by his wife, Pat, a step-son, Bob Oliver and several other relatives, will be interred at the National Cemetery in South Dakota. He had served with the United States Marine Corps during the Korean Conflict (1951-1954). He was a steel and ironworker by trade.

(*) Apnea is found in men and women who suffer from oxygen deprivation during sleep. There is no cure, but it can be controlled using mechanical breathing devices, and in some instances by throat surgery. Apnea causes the sufferer to literally stop breathing for periods ranging from 10 to 180 seconds. This causes tremendous strain on the heart because that organ 'races' to catch up. CPAP machinery can relieve the symptoms by forcing air into the lungs when throat muscles attempt to close down.

MDARC Board of Directors

Position	Who	How to find them
President	Terry Matzkin, KE6WRE	925-820-5848 (h) myword@sprynet.com
Vice President	Dave Gordon, N6SWE	925-473-1031 (h) n6swe@earthlink.net
Secretary	Paul Dickey, N6JOX	925-376-3971 (h) paulr3@judydickey.com
Treasurer	Hall Trevor, WA6JAU	925-680-5209 (h) teh2@pge.com
Emergency Coordinator	To be announced	
Director at Large Burk Howard,	KE6PTT	925-798-7208 (h) ke6ptt@bigfoot.com
Director at Large John Schutze,	KR6CR	925-681-0552 (h) schulze2@ix.netcom.com
Director at Large Mike Patterson,	KE6JGA	925-944-8786 (h) mapa@ieee.org
Director at Large Tracey Schwartz,	KE6TOT	kurtps@earthlink.net

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(800) 854-6046
Eric, K6GIR, Mgr.
Highway Blvd. at Davis, West
1 mi. west I-5

ORLANDO, FL
2210 W. Livingston St., 32806
(407) 534-5757
(800) 854-6046
Mark, W6JYK, Mgr.
I-405 at 23rd Ave. ramp

SAN DIEGO, CA
3375 Jimmy V Rd., 92121
(619) 560-4900
(800) 854-6046
Tom, N6JHF, Mgr.
I-15 at 5th, Corner on West

SUNNYVALE, CA
510 Lawrence Expwy. #102
94086
(408) 735-9496
(800) 854-6046
Ken, N1ZHM, Mgr.
So. Main Hwy. 151

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IT'S ALIVE! PHASE 3D IS NOW AO-40

Taken from The ARRL Letter of The American Radio Relay League

Alive and well and in orbit around Earth, the satellite known for the past decade as "Phase 3D" has a new name. AMSAT-NA Board Chairman Bill Tynan, W3XO, this week announced that Phase 3D now will be known as AMSAT-OSCAR 40, or AO-40.

"We have been calling it Phase 3D for far too long," Tynan said. "Henceforth it will take its place in the long line of OSCARs, satellites built by the Amateur Radio community for the Amateur Radio community throughout the world."

Tynan said he got the official go-ahead from Phase 3D Project Leader Karl Meinzer, DJ4ZC, to assign an OSCAR number. It's been 40 years since the first OSCAR satellite launched. AMSAT-OSCAR 40 was dedicated to the memory of one of its principal builders, Werner Haas, DJ5KQ, and operates under the call sign DP0WH. Haas died earlier this year. A plaque aboard AO-40 is dedicated to his memory.

Tynan, whose tenure as AMSAT-NA President covered the early years of the Phase 3D project, was overjoyed to see the satellite finally in orbit. "Congratulations and thanks to all who participated in any way to this wonderful achievement," he said.

Following a one-day postponement, Phase 3D was successfully launched November 16 at 0107 UTC and placed into a geostationary transfer orbit, from which it will be nudged into its final high elliptical orbit. When the Ariane 5 launcher successfully deployed Phase 3D at 0153 UTC, cheers erupted from the AMSAT team monitoring the flight's progress in the Arianespace control room. The satellite is not expected to be ready for general use for about nine months.

"It was a textbook launch," said Phase 3D Mission Director and AMSAT-DL Executive Vice President Peter Guelzow, DB2OS. Guelzow, who's filling in for Phase 3D Project Leader Karl Meinzer, DJ4ZC, said the satellite appears to be in excellent health. A "general beacon" was transmitting on approximately 435.450 MHz. The AO-40 PSK beacon has been monitored on or about 145.898 MHz—slightly different from the expected frequency.

The satellite now is in orbit some 585 miles above Earth at the closest point. Phase 3D's final elliptical orbital configuration will put the satellite some 2500 miles away from Earth at its nearest point, and some 29,500 miles at its farthest.

At 630 kg (1380 lbs) and some 20 feet across when the solar panels are deployed, Phase 3D is the largest Amateur Radio satellite ever put into space. Three other satellites, the giant PanAmSat PAS-1R communications satellite and the smaller STRV-1C and 1D mini-satellites, joined AMSAT Phase 3D—now AO 40—for the ride.

For more information, visit the AMSAT-NA Web site, <http://www.amsat.org>.

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News from Meridian Project Systems ..

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Kathy Gosh

Meridian Project Systems

CALENDAR OF EVENTS

12/15/2000	6:00 PM	MDARC Holiday Party	
12/29/2000		Carrier Deadline	
1/08/2001	7:30 PM	MDARC Board meeting	Emil Villa's in Concord
1/19/2001	7:30 PM	MDARC General meeting	
1/27/2001	9:15 AM	PACIFICON General meeting	

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
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